

**PHARMACEUTICAL COMPOSITIONS AND THEIR USE****Publication number:** JP2002505307 (T)**Publication date:** 2002-02-19**Inventor(s):****Applicant(s):****Classification:**

**- international:** A61K9/107; A61K9/48; A61K31/715; A61K38/00; A61K45/00; A61K47/24; A61K9/127; A61K9/107; A61K9/48; A61K31/715; A61K38/00; A61K45/00; A61K47/24; A61K9/127; (IPC1-7): A61K47/24; A61K9/48; A61K31/715; A61K38/00; A61K45/00

**- European:** A61K9/00M3; A61K9/107D; A61K9/48H4; A61K47/24

**Application number:** JP20000534242T 19990305

**Priority number(s):** GB19980004705 19980305; GB19980027835 19981217; WO1999GB00656 19990305

**Also published as:**

WO9944642 (A1)

US6605298 (B1)

EP1059941 (A1)

EP1059941 (B1)

DE69917609 (T2)

[more >>](#)

Abstract not available for JP 2002505307 (T)

Abstract of corresponding document: **WO 9944642 (A1)**

Formulations are provided which contain at least one micelle forming monoacyl membrane lipid either alone or preferably in combination with one or more bilayer-forming diacyl membrane lipids. The compositions are characterised by the presence of an effective amount of the monoacyl component dissolved or dispersed in a hydrophilic medium in an amount effective to convert the composition into a liquid, gel or semi-solid which has the property of yielding dispersed lipid aggregates upon contact or further dilution with an aqueous medium. Particular liquid pharmaceutical compositions comprise: (a) a mixture of membrane lipids which comprises a micelle-forming lipid and preferably a bilayer-forming lipid; (b) at least one hydrophilic medium to mobilise the lipids; and optionally (c) a biologically active compound. Other compositions comprise water in an amount which is effective to hydrate the lipid mixture, and a biologically active compound. The compositions may provide an efficient, effective and non-toxic carrier for compounds that have poor bioavailability, e.g. CyA.

Data supplied from the **espacenet** database — Worldwide